IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hoeffler, et al. Examiner Cook Lisa V Appl. Ser. No. 09/245,615 Art Unit: 1641 § Filed: February 4, 1999 Atty. Dkt. No: IVGN 274.1 § Title: MICROARRAYS AND USES Confirmation No.: 5087 THEREFOR §

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SUPPLEMENTAL AMENDMENT/RESPONSE TO FINAL OFFICE ACTION OF DECEMBER 11, 2009 SUBMITTED WITH RCE

Mail Stop: RCE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to telephone conference with Examiner's Supervisor, Mark Shibuya, on June 11, 2010, and in response to the Office Action mailed December 11, 2009, Applicants respectfully request consideration of the accompanying supplemental amendment and response in accordance with 37 CFR \$1.111. Applicants inadvertently and unintentionally submitted the previous amendment on June 10, 2010, without showing markups to the claims. Applicants submit herewith the claims showing mark-ups beginning on page 2. Therefore consideration is respectfully requested for the amendments to the claims attached.

The extendable due date for response to the instant Office Action, under a three-month shortened statutory period, is March 11, 2010. Applicants have already petitioned and paid for a three (3)-month extension of time under 37 C.F.R. § 1.136(a), thereby extending the due date for response to June 11, 2009. Applicants do not believe that any additional fees are due in connection with this Response. However, in the unlikely event that any such fees are due, the Commissioner is hereby authorized to charge the same to Deposit Account No. 50-3994, with reference to our matter IVGN 274.1.